

19980909.qrp v01_n209.qrs.980909

Date: Wed, 9 Sep 1998 19:07:32 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1209

QRP-L Digest 1209

Topics covered in this issue include:

- 1) [19663] Pacificon and Sheraton Reservations
by Jim Lowman <jmlowman@ix.netcom.com>
- 2) [19664] F/S Item: DSP sold
by Grant Taylor <k7gt@qsl.net>
- 3) [19665] RE: "The Art of Electronics" -- revisited
by Jim Lowman <jmlowman@ix.netcom.com>
- 4) [19666] RE: morse code as a foreign language?
by Monte Stark <ku7y@dri.edu>
- 5) [19667] Re: Juno / HotMail / ISP's
by Jim Lowman <jmlowman@ix.netcom.com>
- 6) [19668] Rocket science and QRP...
by Mighty Mik <mitymik@hooked.net>
- 7) [19669] f/s Index Labs QRP+
by CKolk@aol.com
- 8) [19670] Re: Juno / HotMail / ISP's
by w2bj@juno.com (Barry J Minsky)
- 9) [19671] RE: morse code as a foreign language?
by hsilver@pyx.net
- 10) [19672] Re: RRe: Contests
by "Bill Todd" <bill@willapabay.org>
- 11) [19673] Emtech ZM-2
by Dwayne Rich <kc4adw@mindspring.com>
- 12) [19674] Re: LDG tuners
by w4bws@juno.com (Donald E Sanders)
- 13) [19675] Re: LDG tuners
by "Alan Slusher" <aslusher@erols.com>
- 14) [19676] Emtech ZM-1
by "Paul Christensen" <paulc@mediaone.net>
- 15) [19677] Elmer 101 Autumn QRPp
by Paul Harden <pharden@aoc.nrao.edu>
- 16) [19678] re: pixie [frequency]
by "Heron, George" <G.Heron@dialogic.com>
- 17) [19679] RE: JUNO QRT Me Soon!
by cy r currier <crc3@telplus.net>
- 18) [19680] WTB:OHR-400
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [19681] Re: Emtech ZM-1

- by W7LS <w7ls@blarg.net>
- 20) [19682] Re: K2 CW Break-in Performance
by "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
 - 21) [19683] Re: Multi-pin power connectors
by ka7you@juno.com
 - 22) [19684] Re: Need O'scope recommendations
by "Wil Claus" <wclaus@msn.com>
 - 23) [19685] Re: O'scope recommendations/4 sale
by "Bill Todd" <bill@willapabay.org>
 - 24) [19686] Re: "The Art of Electronics" -- revisited
by "Radman" <radman@best.com>
 - 25) [19687] Life Beyond Juno... ?
by "Radman" <radman@best.com>
 - 26) [19688] FS:Icom 751A Service Manual
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 27) [19689] ZM-2 antenna tuner kit wanted
by LYN <designserv@ipass.net>
 - 28) [19690] Zack Lau, W1VT
by Gary Harrison <gharrison@getonthe.net>
 - 29) [19691] Test Message
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
 - 30) [19692] Re: MFJ QRP rigs?
by Laird Jerman <ljerman@earthlink.net>
 - 31) [19693] Syracuse, NY Storm & power outages
by bill lazure <blazure@wstm.com>
 - 32) [19694] emtech zm-2
by Bruce Rattray <rattray@gpfn.sk.ca>
 - 33) [19695] RE: morse code as a foreign language?
by "laura halliday" <marsgal42@hotmail.com>
 - 34) [19696] VO/DL6LBT/QRP
by "Edward A Kwik jr" <eakwikjr@hti.com>
 - 35) [19697] Need e-mail for ...
by Monte Stark <ku7y@dri.edu>
 - 36) [19698] Sea Kayaking and QRP
by Stewart Whitehouse <STEW_W@compuserve.com>
 - 37) [19699] Re: Sea Kayaking and QRP
by James Lofton <n5yyx@etsc.net>
 - 38) [19700] Please Help Solve the Mystery of the Spartan Sprint Logs
by "Russ Carpenter" <russ@natworld.com>
 - 39) [19701] Have the address already!
by Monte Stark <ku7y@dri.edu>
 - 40) [19702] F/S gear: SST/40 committed
by "Allan (Grant) Taylor" <k7gt@qsl.net>
 - 41) [19703] RE: Zack Lau, W1VT
by "Hulbert, Nick" <nick.hulbert@lmco.com>
 - 42) [19704] FUSE LAMPS?
by ARDUJENSKI@aol.com
 - 43) [19705] RE: FUSE LAMPS?

by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
44) [19706] Joe Everhart Dinner Report, NC20 Update
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
45) [19707] Re: "Why QRP?" presentation now online
by "KE6VHM Frank" <ke6vhm@earthlink.net>
46) [19708] Fall Issue of QRPP, Elmer 101 Issue
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
47) [19709] Re: FUSE LAMPS?
by Ed Tanton <n4xy@att.net>
48) [19710] @#\$\$ Hard Drive
by Steven Weber <kd1jv@moose.ncia.net>
49) [19711] Baggybob e-mail address
by "Mike Czuhajewski" <mczuhajewski@evi-inc.com>
50) [19712] Zack Lau and more...
by PDouglas12@aol.com
51) [19713] LM386 vs. LM380
by "Allan (Grant) Taylor" <k7gt@qsl.net>
52) [19714] RE: LM386 vs. LM380
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
53) [19715] RE: "The Art of Electronics" -- revisited
by "L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529" <pilant@seesaw.ENET.dec.com>
54) [19716] New address
by kc5aik@juno.com
55) [19717] Shielding a Circuit
by "Dasher, Mark" <DasherM@IRWIN.ARMY.MIL>
56) [19718] 386 ???????
by RangerSF5@aol.com
57) [19719] Re: Shielding a Circuit
by RangerSF5@aol.com
58) [19720] RE: Shielding a Circuit
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
59) [19721] Re: Shielding a Circuit
by Ed Tanton <n4xy@att.net>
60) [19722] Would you get a new call?
by "Edward A Kwik jr" <eakwikjr@hti.com>
61) [19723] Re: Visiting Uk
by Niel Skousen <skousen@srv.net>
62) [19724] RE: Would you get a new call?
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
63) [19725] RE: Would you get a new call?
by "Dasher, Mark" <DasherM@IRWIN.ARMY.MIL>
64) [19726] Re: Would you get a new call?
by "KE6VHM Frank" <ke6vhm@earthlink.net>
65) [19727] Wheee! back again!
by Mel Evans <MelEvansGM6JAG@compuserve.com>
66) [19728] Re: 15 meters QRP EXCELLENT
by "Rafael Garcia (EA4RJ)" <rgarcia@idr.upm.es>
67) [19729] FS: built NC 40a with KC1 and KC1 Front Panel

by Andreas Junge <andreas@atltech.com>
68) [19730] Re: Zack, WV1T
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
69) [19731] Elmer 101: SW40+ comments de AL7FS
by "Larsen, Jim" <JLarsen@alascom.att.com>
70) [19732] RE: Would you get a new call?
by Tracy@bytemark.com (Tracy)
71) [19733] test
by Steven Weber <kd1jv@moose.ncia.net>
72) [19734] Re: Would you get a new call?
by olyellr@iglou.com
73) [19735] FS: Yaesu FT757GX, 6.5GB Western Digital Hard Disk
by "Jerry McCollom" <jmc@cnd.hp.com>
74) [19736] RE: Would you get a new call?
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
75) [19737] RE: Shielding a Circuit
by Tracy@bytemark.com (Tracy)
76) [19738] Any QRPers/meetings in the Toronto area?
by Jim Lowman <jmlowman@ix.netcom.com>
77) [19739] Build the EMI Sniffer Probe! And More!
by Ed Loranger <we6w@qsl.net>
78) [19740] Re: FUSE LAMPS?
by w4bws@juno.com (Donald E Sanders)
79) [19741] Re: Would you get a new call?
by w4bws@juno.com (Donald E Sanders)
80) [19742] LM386 vs LM380
by gsurrency@juno.com (Gary L Surrency)
81) [19743] RE: Would you get a new call?
by E.Jessen@orion-consulting.com

Date: Tue, 08 Sep 1998 15:59:53 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [19663] Pacificon and Sheraton Reservations
Message-ID: <3.0.32.19980908130801.00689ad8@popd.netcruiser>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Just a heads-up, in case you are planning to attend Pacificon and also to stay at the Sheraton Concord. If this is not the case, this would be a good time to verify that your delete function works.

I called the nationwide reservation center for Sheraton that is listed on the Pacificon Web site (800-325-3535) yesterday, and was told that

the hotel was completely booked, except for some rooms for disabled guests.

Since the organizers had made a point to move to a larger hotel this year, I thought this was strange, so I called the hotel directly. The young woman who took our reservation said that there were plenty of rooms left, at a rate of \$76 for Pacificon. I mentioned that the folks at national reservations were losing money for them, and said that she would notify her supervisor, along with her thanks for pointing out the problem.

Most of you probably aren't the procrastinator that I am, and have had your reservations for some time now. Just in case, this might save you some runaround.

See you all at Pacificon. It's our first, and I'm looking forward to meeting some of the QRP gang that I've enjoyed trading e-mail with.

72 de Jim - AD6CW

Date: Tue, 08 Sep 1998 16:26:59 -0700
From: Grant Taylor <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [19664] F/S Item: DSP sold
Message-ID: <35F5BD43.908@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Timewave 599ZX DSP is now sold. The other three items are still available (FL100, MFJ9020, and SST/40)

--
73 de K7GT
Allan Taylor (a.k.a. Grant) Pleasanton CA
email: k7gt@qsl.net
web page: <http://www.qsl.net/k7gt/index.html>

Date: Tue, 08 Sep 1998 16:21:56 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: pilant@seesaw.ENET.dec.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [19665] RE: "The Art of Electronics" -- revisited
Message-ID: <3.0.32.19980908162153.00694884@popd.netcruiser>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:26 AM 9/8/98 EDT, L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529 wrote:
>Conrad, you probably also want to check out "The Art of Electronics Student
>Handbook." Not quite as common as the big book, but just as useful. (The
>student handbook has the answers to the exercises presented in the main
>text as well as other useful information.)

Mark and the Gang,

What level are these textbooks written for? EE student? Engineer?

Just curious, as I'm trying to get a good refresher course in electronics,
but at the technician (20 years ago) ability. I used to work on air traffic
control radar systems, but that seems like another life.

72 de Jim - AD6CW

Date: Tue, 8 Sep 1998 17:03:00 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "Hulbert, Nick" <nick.hulbert@lmco.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [19666] RE: morse code as a foreign language?
Message-ID: <Pine.SOL.3.96.980908170234.4669C-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Nick,

Very well said!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 08 Sep 1998 17:37:29 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19667] Re: Juno / HotMail / ISP's
Message-ID: <3.0.32.19980908173727.006ac9f0@popd.netcruiser>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bruce made a good suggestion. It's certainly worth looking around for ISPs in your local area.

There is so much on the Web that I can't imagine having only e-mail service, although Juno has been the difference between many of our local club members having e-mail and not having anything.

It's easy to get spoiled in an area like southern California. There seems to be an ISP under every rock, and monthly rates are very competitive.

Netcom isn't the cheapest, but I've had no problems over the years with common user complaints such as full mailboxes, problems with attachments, difficulty securing or maintaining a logon, etc. The message count is typically 200+ on a given day, at that. For \$5 over their \$19.95 monthly rate, I get a second mailbox for my wife so that I don't have to relay e-mail addressed to me, for her.
#include <std.disclaimer>

72 de Jim - AD6CW

Date: Tue, 08 Sep 1998 17:41:33 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [19668] Rocket science and QRP...
Message-ID: <35F5CEBD.ED74350A@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Could an Amateur satellite, launched by Amateurs be posible?

yes it can. Try some of the following links:

<http://www.tripoli.org>

http://www.the-rocketman.com/hprn_ezine.html

CATS launch info.

don't blame me if the next 'case' for your QRP rig goes straight up.

Mick WD8MNV/6

Date: Tue, 8 Sep 1998 20:53:28 EDT
From: CKolk@aol.com
To: qrp-1@Lehigh.EDU
Subject: [19669] f/s Index Labs QRP+
Message-ID: <4321814c.35f5d188@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi and thanks for reading this. I have for sale an Index Labs QRP+ which was purchased new by me. Condition is excellent. I have original packing and documentation. Asking \$375 plus shipping. Please respond to ckolk@aol.com or call 802-878-1022.

73, Craig W1ZN

Date: Tue, 8 Sep 1998 21:01:50 -0400
From: w2bj@juno.com (Barry J Minsky)
To: jmlowman@ix.netcom.com
Cc: qrp-1@Lehigh.EDU
Subject: [19670] Re: Juno / HotMail / ISP's
Message-ID: <19980908.210208.-156869.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

It might also be worth checking JUNO's new enhanced e-mail. I am using juno for internet connection and am pleased with their service. However, they have 3 levels of service. The first is the free e-mail. There are limitations to that service including the number of times you can use the service in one day and the volume of mail you receive. The enhanced service is called JUNO GOLD. It costs only \$2.95 per month and does not have the limitations of the free service. The third service level is JUNO NET which includes complete internet service along with e-mail.

That costs \$19.95 per month. The JUNO GOLD service for \$2.95 per month allows attachments and all of the other normal e-mail services not included in the free JUNO service. It is a great option for the money conscious ham.

On Tue, 08 Sep 1998 17:37:29 -0700 Jim Lowman <jmlowman@ix.netcom.com> writes:

>Bruce made a good suggestion. It's certainly worth looking around
>for ISPs in your local area.
>
>There is so much on the Web that I can't imagine having only e-mail
>service, although Juno has been the difference between many of our
>local club members having e-mail and not having anything.
>
>It's easy to get spoiled in an area like southern California. There
>seems to be an ISP under every rock, and monthly rates are very
>competitive.
>
>Netcom isn't the cheapest, but I've had no problems over the years
>with common user complaints such as full mailboxes, problems with
>attachments, difficulty securing or maintaining a logon, etc.
>The message count is typically 200+ on a given day, at that. For
>\$5 over their \$19.95 monthly rate, I get a second mailbox for my
>wife so that I don't have to relay e-mail addressed to me, for her.
>#include <std.disclaimer>
>
>72 de Jim - AD6CW
>
>
>

72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,
Knightlites, Adventure Radio Society #359,
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers
Club #3723
Amateur Radio Missionary Service

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Sep 1998 21:13:02 -0400 (EDT)

From: hsilver@pyx.net
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [19671] RE: morse code as a foreign language?
Message-ID: <Pine.LNX.3.95.980908204820.2764A-100000@matrix.pyx.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 8 Sep 1998, Hulbert, Nick wrote:

> ...Plus unlike your note I will refrain from insults.
[SNIP]
> ... Only those who view the hobby with envious eyes would make
> such statements about amateur radio operator attitudes like "screw everyone
> else, I've got mine". What a deceitful methodology for getting around the
> real reason when confronted by those who look at the NO CODE groupies and
> simply say study, learn, and go take the test and you'll be there!! It's
> the age-old desire to get something for nothing. To bypass the system and
> some have even gone so far as to cheat to get what they want without the
> effort.
>
> Now, however, we are seeing a new era of tactics. The whining has
> solidified into a real movement with more energy and money spent on the
> elimination of the CW skill requirement rather than just learning it. It
> has almost become a mission for some because the no code idea has been such
> an underdog for so long. There are many out there who don't need a reason
> to take on a crusade. It's time and its right and its what they want!!

Thank you for refraining from insults.

Harley Silver

Date: Tue, 8 Sep 1998 18:46:02 -0700
From: "Bill Todd" <bill@willapabay.org>
To: "Jerry W. O'Dell" <jwodell@ameritech.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19672] Re: RRe: Contests
Message-ID: <001401bddb93\$9ad57dc0\$2f5233d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>>From: Beaks <beaks@westco.net>

>

>No real argument with you, but I have heard qrp contests of
>some sort on 30 meters.
>
>The blood boils.
>
>73 jerry w8gnd

Hi Jerry -

I'm with you on this. 30 meters should remain off limits for contests.

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Tue, 08 Sep 1998 21:54:28 -0400
From: Dwayne Rich <kc4adw@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [19673] Emtech ZM-2
Message-ID: <35F5DFD4.80115EE3@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Since the Emtech ZM-2 isn't being sold anymore does anyone have a kit
laying around that they don't intend to build that they would be willing
to sell?

Dwayne

Date: Tue, 8 Sep 1998 21:54:30 -0400
From: w4bws@juno.com (Donald E Sanders)
To: whowell@hq.nasa.gov
Cc: qrp-l@Lehigh.EDU
Subject: [19674] Re: LDG tuners
Message-ID: <19980908.220436.7310.2.W4BWS@juno.com>

What's really nice is to know the designers and suppliers are active,
desire

feedback from the field, and are responsive. Ain't QRP quaint?

Donald E. Sanders W4BWS

694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937

407-779-0222 Fax 407-779-0830

E-mail to w4bws@juno.com

My favorite QRP rig glows in the dark

On Tue, 08 Sep 1998 13:44:24 -0400 Scott Howell <whowell@hq.nasa.gov>
writes:

>tnx to all that replied with such good comments regarding LDG. You
>know I am more than certain that several companies of qrp gear are on
here

>and it no doubt makes them feel good knowing how we feel. Makes them
want to

>continue to produce excellent high quality gear for Qrp.

>

>72/73 de n3byy

>

>

Date: Tue, 8 Sep 1998 22:15:33 -0400

From: "Alan Slusher" <aslusher@erols.com>

To: <whowell@hq.nasa.gov>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [19675] Re: LDG tuners

Message-ID: <00ba01bddd97\$bd850d00\$5632accf@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> I just wanted to let you folk know that I recently purchased an LDG

>Electronics AT11 qro tuner for my TS570.

>I just had to say that first off I am very pleased with both my qro and qrp
>tuners from these folks and secondly, you couldn't ask for a better company
>to deal with.

>Well ok, haven't found any company yet dealing with any qrp related items
>to be bad, but my dealings with LDG has been just outstanding. What really
>friendly and decent folk.

>Tnx for the bandwidth. I just had to say something. I guess what I am
>saying is that when you buy something from LDG and even from some of the
>other companies I have delt with, you feel as though your buying something
>from a friend.

>

>72/73 de n3byy

And the excellent quality of the service is maintained whether you are buying the AT 11, the QRP tuner, or just the \$25 balun box kit (I got all three). They even went to their RS shop and got me a box to put the QRP tuner in (shipped it so I got it in Barbados), before the Ten-Tec enclosures came on the market.

Really excellent service, on top of excellent equipment.

Alan V31FA & 8P9BM

Date: Tue, 8 Sep 1998 22:20:29 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19676] Emtech ZM-1
Message-ID: <00fc01bddb98\$6a7b0140\$902d8118@6626hvt5p091.se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an unbuilt Emtech ZM-1 and was wondering if it could be easily modified to a ZM-2. I believe the only difference is that the ZM-2 added a SWR "null" LED indicator. True? If so, can anyone supply me with the circuit diagram for the indicator? Thanks!

-Paul

Date: Tue, 8 Sep 1998 20:43:56 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [19677] Elmer 101 Autumn QRPP
Message-ID: <Pine.SOL.3.91.980908195143.27829B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So I go home for lunch and there is Dick Clark and Ed McMahon waiting

at the door. Boy was I excited, since this New Mexico lottery thing is a bust (not to mention the worthless Power Ball!). Turns out they were just delivering the camera ready copy for the Autumn QRPp ... the special Elmer 101 issue. Doug had made a photocopy of it and bound it as a dummy sample, for which I enjoyed reading through lunch and showed it to a few at work. What a great issue, and packed with far more info that I thought it would have.

It contains all the complete lessons excellently presented by Elmermeister Mike Maiorana on QRP-L. Then after each section, there

So for those who wanted the Elmer 101 lessons in print, Doug and the various authors did an excellent job, and this will be a booklet to put on the shelf right next to "Solid State Design." I'm serious. Here's what it contains:

1. All the complete Elmer 101 lessons from the Elmermeister himself, Mike Maiorana. The theory and the SW+ assembly steps.
2. Following each lesson is a special circuit analysis and design section by Glen Leinweber, even neater than what he posted to QRP-L. Glen submitted his own circuits of each section with detailed design notes, Spice models, etc. I'm talking great stuff.
3. Additional circuit analysis from others, such as Mike Gipe, Chuck Adams, Dave Benson, etc. with oscscope waveforms and such.
4. Some of the Question/answer sessions from QRP-L.
5. Gary Surrency's article on "Blue Printing the SW40+ and SW30+" with mods for increasing output power, output filter changes, and other "hot rodding" tips.
6. An article with illustrations on homebrewing enclosures for your SW+ rig by the master himself, Bill Jones.
7. The official SW30+ and SW40+ schematics and diagnostic voltages.

So whether you participated in the QRP-L Elmer 101 lessons, or missed out on it, all the info is here. Plus, Dave NN1G has agreed to make the Elmer 101 SW+ kits available for those who want to build the kit and/or go through the assembly instructions/lessons on your own. I also think it will make an excellent reference manual for some time to come just on QRP circuit analysis and why circuits are designed the way they are.

All I need to do is design the cover for it and do some camera work on the photos. I was thinking about having a collage of photos on the cover of how a few built their SW+ rigs, and perhaps a photo or two of someone at their workbench building it. Does anyone have a photo of their SW+ rig (during construction or finished), or of themselves at their workbench? If so, please email me to arrange a loan of the photos. It is a non-destructive process to duplicate the photos, and they can be returned. It would be neat to have a few

photos of those who's names we see on QRP-L with this issue.

72, Paul NA5N

Date: Tue, 8 Sep 1998 23:01:38 -0400
From: "Heron, George" <G.Heron@dialogic.com>
To: bkobie@webtv.net
Cc: qrp-l@Lehigh.EDU
Subject: [19678] re: pixie [frequency]
Message-ID: <DC98876F9BBBD111A5F900A02461FF130140404F@exchange1nj.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain

Pat,

The Pixie can be put on 'most any frequency in the band you buy/chose with the board. (An RF choke and the crystal determine the band.)

The NJ-QRP Club used 3686.4 KHz for it's Pixie Project last year, and then we have been trying to get a net going on that frequency over the summer ... but bad time to get on 80m during late afternoon. The KnightLites group uses this frequency for their net (with lots more success.)

72,

--George Heron, N2APB
g.heron@dialogic.com in Sparta, NJ

=====
>need to know what freq the pixie is on on 80 mtrs, ...new jersey qrp
>club freq, tn timer advance 73 pat/k8len

Date: Tue, 8 Sep 1998 23:04:11 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "'we6w@juno.com'" <we6w@juno.com>
Subject: [19679] RE: JUNO QRT Me Soon!
Message-ID: <01BDDDB7C.FF7187E0@bgr48.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

on every message on juno is their propaganda. " u don't need to buy =
internet access.....
i'm quite sick of reading it. i feel badly they are so cheap they suck =
u in, advertize their junk, then limit ur use. i wonder what happens =
when they have enough people and don't need u any more????? nothing i =
hope.
i have been a fireman 40 years. i know how to deal w flames. cy - k1tes =

From: we6w@juno.com
Sent: Monday, September 07, 1998 4:16 PM
To: Low Power Amateur Radio Discussion
Subject: JUNO QRT Me Soon!

Folks, from the "Didja Know" department:

Juno standard notification messages come up on
screen every now/then. I just received this
UNKNOWN LIMITATION message:

"This message is to inform you that you are approaching
the limit for the maximum times a member can access
Juno's central computers. Once this limit has been
reached you will be unable to check your email for
24 hours."

(Paraphrased by me as best I can recall cuz the message
was only on screen and I hit "OK" too fast.

Ok, They never told me about maximum message sizes.
Maximum number of messages. Maximum accesses.

what next? Do I have to order so much a year.

Free my eye.

But it is a nice "starter" service. If ya'll don't
mind, I'm apologizing ahead of time if I can't email
responses. Don't know when the ribbon gets cut by
juno.

See ya on 7040 or 14060 or 21.060 or 21.158 Slow=20
chat CW. Never on Voice/SSB.

G1 to all in the fun contests.

Oh, there are bonuses for homebrew and 4 power classes,
but I work the tests for fun.

72/Ed WE6W

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Sep 1998 23:21:13 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [19680] WTB:OHR-400
Message-ID: <199809082323_MC2-58CD-682D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Looking for an OHR-400 rig. Must be fully assembled. Anyone have one to
sell? Here's hoping :-).

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Tue, 08 Sep 1998 21:20:39 -0700
From: W7LS <w7ls@blarg.net>
To: paulc@mediaone.net
Cc: qrp-l@Lehigh.EDU

Subject: [19681] Re: Emtech ZM-1
Message-ID: <35F60217.343@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Paul. Yes. You are correct. Just add the N7VE visual swr and you're done, except that you need to add a dpdt switch to kick it in and out of the circuit. The diagram is on Dan Tayloe's page. Search for N7VE on Alta Vista. Works just great! 73 de Jim, W7LS

Paul Christensen wrote:

>
> I have an unbuilt Emtech ZM-1 and was wondering if it could be easily
> modified to a ZM-2. I believe the only difference is that the ZM-2 added a
> SWR "null" LED indicator. True? If so, can anyone supply me with the
> circuit diagram for the indicator? Thanks!
>
> -Paul

Date: Tue, 08 Sep 1998 22:24:16 -0700
From: "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
To: Chester Alderman <chestert@pressroom.com>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [19682] Re: K2 CW Break-in Performance
Message-ID: <35F61100.F030B784@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Chester,

Thanks for the reply. I'm glad it was another rig you had in mind!

Thanks for dropping by our web page.

73, Eric

Chester Alderman wrote:

> No Eric, I was totally uninformed and I made the mistake of saying K2,
> when I should have said Kachina!! I certainly apologize to you and
> Elecraft for my error. Looking at your web page today is the first
> time I have seen your rig, and I must say what you are doing is

> impressive.

>

> Chester Alderman
> Tom - W4BQF
> chestert@pressroom.com
>

Date: Wed, 09 Sep 1998 01:36:44 EDT
From: ka7you@juno.com
To: cnse97@lmpsil02.comm.mot.com
Cc: qrp-l@Lehigh.EDU
Subject: [19683] Re: Multi-pin power connectors
Message-ID: <19980908.215030.11687.1.KA7YOU@juno.com>

The ANDERSON 'Power-Poles' are also very easy to install in multiples. Each piece is a separate connector, and they are designed to be nested together. In fact, the manufacturer makes panel mounts for multiples of four and eight. They are rated at 15, 30 and 45 amps depending upon the wire size you select. I use the 30 amp size with a very flexible 10ga. red/black zip cord from Cable Experts(www.cableexperts.com).

The Power-Poles are available from Newark, Allied and Cable Experts.

Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 8 Sep 1998 22:54:48 -0700
From: "Wil Claus" <wclaus@msn.com>
To: <phelbert@rica.net>
Cc: "QRP-L List" <QRP-L@Lehigh.EDU>
Subject: [19684] Re: Need O'scope recommendations
Message-ID: <000d01bddbbb\$939ab980\$97fc2599@default>

Paul-

I have been searching for a 'scope for several months. Based on my

research I chose to buy a TEK 475 scope from Jim Shannon in Michigan. His prices were the best by far of those I found. My scope is being shipped to me so I cannot vouch yet for the condition of the equipment but I had a reasonable e-mail dialogue with him and got a good feeling. He has a web site (below) that would be worth your while to check out. He is presently on vacation for another week so his response to any e-mail would be delayed accordingly.

GL & 72/73
Wil Claus, W7DL
Mercer Island, WA

<http://www.aactrinity.com/unisys.htm> (go to the end of his first web page to the link to "Portable TEK scopes". He has a wide variety available and he shows pictures and prices.

Date: Tue, 8 Sep 1998 23:48:35 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <wclaus@msn.com>
Cc: <nwq-1@scn.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19685] Re: O'scope recommendations/4 sale
Message-ID: <003901bddd\$e210dde0\$224ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There have been some suggestions on the best deal in a O'scope...and I thought I would throw my hat in the ring.

I have the following O'scope that is not up to the solid state requirements of the real serious EE degree person, but it just might do the trick for a person that needs a minimum 30 MHz accurate scope.

I have a Tek 551 dual trace scope, with 3 modules (a Type "L", and 2 (count em') 2 type "K" plug in modules. The scope has the matching Tek power supply, and the lab stand. The person I bought this from claimed that it had been completely re-tubed (even a new CT tube) and calibrated about a year ago.

Best offer takes it (in SW Washington, Seattle, Tacoma, Olympia or Astoria, Oregon area). Please don't ask me to ship (ouch!).

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Wed, 9 Sep 1998 00:38:45 -0700
From: "Radman" <radman@best.com>
To: <jmllowman@ix.netcom.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19686] Re: "The Art of Electronics" -- revisited
Message-ID: <199809090735.AAA20373@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

What level are these textbooks written for? EE student?
Engineer?
72 de Jim - AD6CW

Hi Jim,

These texts were written as EE texts, but something went very wrong! They turned out to be enormously well written, useful beyond belief and FUN! :-) I think I'll head off to bed with my copy and learn what I *thought* I knew about FETs and PLLs. Pick up a copy. If you don't agree it's the best electronics book you ever bought, I'll send you a free FET or a JFET... your choice ;-) !

72 - Conrad Weiss - NN6CW

Date: Wed, 9 Sep 1998 01:40:00 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19687] Life Beyond Juno... ?
Message-ID: <199809090836.BAA27732@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

All the recent chatter re: "Life beyond Juno" and ISP accounts jarred my memory. There was a time long, long ago when I didn't have an ISP. I had exhausted all of the AOL freebie diskettes and CDs, along with the CompuServe trial accounts, the MS 30-day trial, the IBM free month, the maui.com disk, PacBell's 'surfer special' and anyone else who'd let me surf for ****free****. I noticed my hands were starting to sweat when I opened my mail box and rifled through the junk mail looking for more free rides. They trickled down to a few. Then nada.

A well-meaning friend suggested I bite the bullet and spend the 20 bux a month on an ISP and chalk it up to "continuing education."

He was right. For a mere 66 cents a day I can learn something new. I surf for an hour each day looking for something I know nothing about. In an age of specialization it's a great way to become a Renaissance guy or gal.

I gotta go. I'm heading over to National Semiconductor to download a couple of data sheets. I'm learning about FETs.

Just 66 cents a day. A cuppa coffee at McDonalds ;-)

72 - Conrad Weiss - NN6CW

Date: Wed, 9 Sep 1998 06:35:05 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [19688] FS:Icom 751A Service Manual
Message-ID: <199809090637_MC2-58C8-CF6B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

I have for sale a like-new service manual for the Icom 751A

Transceiver. Offers?

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Wed, 09 Sep 1998 08:31:58 -0400
From: LYN <designserv@ipass.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [19689] ZM-2 antenna tuner kit wanted
Message-ID: <35F6753E.8A3CABED@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If anyone has an unbuilt ZM-2 antenna tuner kit for sale, please
contact me. I also know someone else who may want one.

Lyn, W4WDN

Date: Wed, 09 Sep 1998 08:11:53 -0500
From: Gary Harrison <gharrison@getonthe.net>
To: qrp-l@Lehigh.EDU
Subject: [19690] Zack Lau, W1VT
Message-ID: <3.0.32.19980909081103.00b3ceb4@pop.getonthe.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just received this newsletter and thought QRP-L gang would want to know.

73, Gary Harrison, K0BC
QCWA President Bolivar, MO

>-----Original Message-----

>From: Todd LeMense <tlemense@ops.org>

>To: Lew Gordon <k4vx@nemonet.com>

>Cc: Bruce Frahm <bfracm@colby.ixks.com>

>Date: Tuesday, September 08, 1998 7:12 PM

>Subject: September Midwest Newsletter

>

>

>>September 1998 ARRL Midwest Division Newsletter

>>

>>. deleted information

>

>>HQ STAFFER W1VT ALSO AFFLICTED WITH STROKE

>>

>>ARRL Lab VHF guru Zack Lau W1VT is also hospitalized with a stroke.

>>Executive VP Dave Sumner K1ZZ reports that Zack is alert and in good

>>spirits. It has not yet been determined how full a recovery Zack is likely

>>to make. W1VT is a fixture among microwave homebrewing enthusiasts and a

>>regular in VHF and above contesting.

>>

. remainder deleted

Date: Wed, 09 Sep 1998 8:14 -0600

From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>

To: "Gary Harrison" <gharrison@getonthe.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [19691] Test Message

Message-ID: <76746D01@optelinc.com>

Test Message... pse ignore

From: Gary Harrison

To: Low Power Amateur Radio Discussion

Subject: Zack Lau, W1VT

Date: Wednesday, September 09, 1998 7:11AM

Date: Wed, 9 Sep 1998 06:30:59 -0700 (PDT)

From: Laird Jerman <ljerman@earthlink.net>

To: nhoop@centuryinter.net, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>
Subject: [19692] Re: MFJ QRP rigs?
Message-ID: <199809091330.GAA20522@hawk.prod.itd.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Nat,

I have had a 9030 for a couple of years and I love it. Worked all over the place with a random length dipole. Have taken it on vacations and camping and had a ball. Can run with a low power supply wall unit or off of batteies.

72 Larry
WA3IMF

Date: Wed, 09 Sep 1998 09:40:23 -0400
From: bill lazure <blazure@wstm.com>
To: QRP-L@Lehigh.EDU
Subject: [19693] Syracuse, NY Storm & power outages
Message-ID: <35F68547.7D04@wstm.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

Don't know if this has been posted yet or not. Central and Western New York experienced a severe storm Sunday night with high winds and extensive lightning. As a result, many households will be without power until as late as next week (14 - 18 Sep). If you were expecting mail or QSOs from people in this region and haven't heard from them, this is why.

Bill Lazure
N2TPA
Syracuse, NY

Date: Wed, 9 Sep 1998 07:49:56 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [19694] emtech zm-2

Message-ID: <Pine.LNX.3.95.980909074724.22786A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm looking for an Emtech ZM-1 or 2...ZM-2 preferred...please reply
direct...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 09 Sep 1998 06:52:46 PDT
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [19695] RE: morse code as a foreign language?
Message-ID: <19980909135247.29487.qmail@hotmail.com>
Content-Type: text/plain

Why does this discussion keep coming up? I thought this was
the QRP-L mailing list, not rec.radio.amateur.policy. Like
other recurrent issues, one might conclude that ham radio
had a problem here.

Yes, Morse Code is a skill. So are lots of other things.
Arguably, some of them are relevant to ham radio in the
1990s. But woe to the person who makes such suggestions...

Why should one arbitrarily chosen skill be somehow sacred?

Sorry kids, I just don't buy it.

Laura Halliday VE7LDH/3 "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 09 Sep 1998 10:14:27 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [19696] V0/DL6LBT/QRP
Message-ID: <35F68D43.48DCD791@hti.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try sending that fast five times. I worked Steve last night on 20m (14.050) at about 00:16 UTC. We were both qrp. Said to QSL via the buro. So when I send in my card do I file it under the VO or DL? QTH was Goosebay. Where is that?

Ed Kwik KC8JIE Waterford, MI qrp-l# 1444

Date: Wed, 9 Sep 1998 07:58:02 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [19697] Need e-mail for ...
Message-ID: <Pine.SOL.3.96.980909065814.6171C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi,

I am at the "wrong" computer and need the e-mail address for thr Rev. George Dobbs.

Thanks,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 9 Sep 1998 11:05:45 -0400
From: Stewart Whitehouse <STEW_W@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [19698] Sea Kayaking and QRP
Message-ID: <199809091105_MC2-58D7-25F5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi folks,
Getting interested in kayaking and wondered if anyone on
QRP-L is mixing kayaking and QRP.
72,
Stew KE4YH
Dunedin, Florida

Date: Wed, 09 Sep 1998 08:10:10 -0700
From: James Lofton <n5yyx@etsc.net>
To: qrp-l@Lehigh.EDU
Subject: [19699] Re: Sea Kayaking and QRP
Message-ID: <35F69A52.2E58@etsc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stewart Whitehouse wrote:

>
> Hi folks,
> Getting interested in kayaking and wondered if anyone on
> QRP-L is mixing kayaking and QRP.
> 72,
> Stew KE4YH
> Dunedin, Florida

Hello Stew,
Yes, I for one do. I don't have salt water to worry about here(inland
lakes and rivers), but the two can be fun.

I have two folding kayaks, one a solo and the other a tandem. On the
tandem I use HAM STICKS while under way(using the alumium longrods for
counterpose). It works great! I use a Ten-Tec scout, cranked way down,
gell battery and a solar panel on the deck. With the solo kayak, all
operation is on shore and put up a "V".

You might check out this site. Most run QRO but not all. With a kayak and
your QRP rig you can combine the two(island chasing)and I promise you one
good time!(spell that a pile up) "they are also helpful and a great bunch
of guys."

<http://www.eng.mu.edu/~usi/>

drop me a line direct if you want more info.

73

James

Date: Wed, 09 Sep 1998 08:28:04 -0800
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [19700] Please Help Solve the Mystery of the Spartan Sprint Logs
Message-ID: <199809091518.IAA28660@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The combined Spartan and Michigan Sprints were a hum dinger. However, we only received about one third of the normal number of Spartan Sprint logs. Was our server acting up? Were the rules for operating two contests at once kinda confusing? Or were the sprinters just pooped out from Labor Day festivities?

We'll post the Spartan Sprint results tomorrow afternoon on the QRP-L and the ARS Sojourner. So you still have time to send us your log. You may use the autolog on the ARS Sojourner (<http://www.natworld.com/ars>) or you may email me the results at russ@natworld.com.

Thank you!

Russ Carpenter, AA7QU
Contest Manager for Adventure Radio Society

Date: Wed, 9 Sep 1998 08:30:42 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [19701] Have the address already!
Message-ID: <Pine.SOL.3.96.980909082943.6316F-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to all for such fast response.

I have George's e-mail now!

What a super group.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 09 Sep 1998 08:43:07 -0700
From: "Allan (Grant) Taylor" <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [19702] F/S gear: SST/40 committed
Message-ID: <35F6A20B.419B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a commitment on the SST/40. That leaves the
FL110 and the MFJ 9020.

--
K7GT
email: k7gt@qsl.net

Date: Wed, 09 Sep 1998 09:47:35 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Gary Harrison
<gharrison@getonthe.net>
Subject: [19703] RE: Zack Lau, W1VT
Message-ID: <5104C9F8B0B5D1118C250000F8062537CEB041@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain

Gary, Thanks for the info about Zack. My prayers are with him.

Nick KG5N

I just received this newsletter and thought QRP-L gang would want to know.

73, Gary Harrison, K0BC
QCWA President Bolivar, MO

>-----Original Message-----
>From: Todd LeMense <tlemense@ops.org <mailto:tlemense@ops.org> >
>To: Lew Gordon <k4vx@nemonet.com <mailto:k4vx@nemonet.com> >
>Cc: Bruce Frahm <bfracm@colby.ixks.com
<mailto:bfracm@colby.ixks.com> >
>Date: Tuesday, September 08, 1998 7:12 PM
>Subject: September Midwest Newsletter
>
>
>>September 1998 ARRL Midwest Division Newsletter
>>
>>. deleted information
>
>>HQ STAFFER W1VT ALSO AFFLICTED WITH STROKE
>>
>>ARRL Lab VHF guru Zack Lau W1VT is also hospitalized with
a stroke.
>>Executive VP Dave Sumner K1ZZ reports that Zack is alert
and in good
>>spirits. It has not yet been determined how full a
recovery Zack is likely
>>to make. W1VT is a fixture among microwave homebrewing
enthusiasts and a
>>regular in VHF and above contesting.
>>
. remainder deleted

Date: Wed, 9 Sep 1998 11:59:20 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU, nwq-1@scn.org
Subject: [19704] FUSE LAMPS?
Message-ID: <7a69aa16.35f6a5d8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In the book PRACTICAL WIRE ANTENNAS on pg 84 there is a circuit for a simple
SWR indicator using two 60mA *fuse lamps* and a short piece of 300 ohm tv

line. The way it works is the lamp closest to the xmtr should glow normal brilliance and the one further away should be dim or not lit at a swr of less than 2 to 1.

What are fuse lamps?

TNX 72 ALAN KB7MBI

Date: Wed, 09 Sep 1998 11:11 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "ARDUJENSKI" <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>
Subject: [19705] RE: FUSE LAMPS?
Message-ID: <068096C3@optelinc.com>

"Fuse Lamps" are a British way of expressing a pilot lamp that is used in certain appliances (such as radios and TVs) in the U.K. as a fuse.

The lamps might be rated at say, "12V, 0.060A" (60 milliamperes), so that if more than 60 mills of current flows through it, the lamp will burn out (open up, just like a fuse).

The twin-lead VSWR indicator you described has been described in many, many editions of the ARRL amateur radio handbook.

Check out older editions of "The Handbook" (say from 1950 to 1965) and you'll see it there....

Karl K. - W8TIF
McKinney, TX

From: ARDUJENSKI
To: Low Power Amateur Radio Discussion
Subject: FUSE LAMPS?
Date: Wednesday, September 09, 1998 11:59AM

In the book PRACTICAL WIRE ANTENNAS on pg 84 there is a circuit for a simple SWR indicator using two 60mA *fuse lamps* and a short piece of 300 ohm tv line. The way it works is the lamp closest to the xmtr should glow normal brilliance and the one further away should be dim or not lit at a swr of less than 2 to 1.

What are fuse lamps?

TNX 72 ALAN KB7MBI

Date: Wed, 9 Sep 1998 09:16:55 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@Lehigh.EDU>
Subject: [19706] Joe Everhart Dinner Report, NC20 Update
Message-ID: <01bddc0d\$4373f3c0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We had a great time at the Round Table Pizza last night for the NorCal reception for Joe Everhart, N2CX from New Jersey. Bob Tellefsen, Dave Fifield, Dave Meacham, Eric Swartz, Vic Black, Paul Maciel, Andreas Junge, James Bennett, Kathy Bennett, Mike Gipe, Jessica Gipe, Doug Hendricks, and of course, the guest of honor, Joe Everhart. We had a great time meeting and visiting with Joe, and he showed the two NJ Projects that are currently in development. I won't mention them here, as I don't know what their status is and I don't want to let anything out of the bag. We really enjoyed Joe, and I want to say thanks to him for sharing an evening of his valuable time with us.

Dave, Dave, Mike and I compared progress reports on the NC20, and we have had to make a significant change in the transmitter in order to meet what we advertised, i.e. variable output from 0 - 5 Watts. But thanks to Eric Swartz of Elecraft, we think we have the problem solved. Dave will do further testing this week and we should have an answer by this weekend. Thank you for being patient and understanding on the NorCal 20. We are NOT going to rush this kit, and we will do it right. I have ordered a few of the parts that I know are in the kit, but have not received the final bom, so have not started ordering parts. That will come when I have the final list. I will continue to keep the list informed as to the progress we are making. (by the way, I do have 4000 crystals matched, only 8400 left to go!!) Several have also inquired as to the schematic and parts list being made available. Yes that will happen. 72, Doug, KI6DS

Date: Wed, 9 Sep 1998 09:20:04 -0700
From: "KE6VHM Frank" <ke6vhm@earthlink.net>
To: <DENNISMO@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19707] Re: "Why QRP?" presentation now online

Message-ID: <000c01bddc0d\$b58c5380\$03000004@ke6vhm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree - after going through the whole show, I decided to take it to our club meeting and show it to the group.. I am also going to put a link on my Amateur Radio Web Page so others will find it.
72 de Frank

Date: Wed, 9 Sep 1998 09:21:29 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@Lehigh.EDU>
Subject: [19708] Fall Issue of QRPP, Elmer 101 Issue
Message-ID: <01bddc0d\$e70b3980\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to Paul Harden for the nice comment about the Fall issue. This is a reminder that if you are wanting to subscribe to QRPP and get the Fall issue, your subscription must reach Jim Cates by Sept. 15th. That is the cutoff date for printing mailing labels. To Subscribe to QRPP do the following:

QRPP is published 4 times per year: March, June, September and December. Subscription fee is \$15 per year for US & Canada \$20 per year for DX. There is a 2 year limit to subscription length at one time. In other words, we will not accept a subscription for longer than 2 years.

To join the NorCal QRP Club send your name, call and address to Jim Cates. There is no charge for membership to NorCal QRP Club. To receive QRPP, you must subscribe and pay the fees. Send your money (US Funds ONLY) to:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Please make checks and money orders out to Jim Cates, NOT NorCal.

Sorry for the bandwidth guys, but I am doing this to reduce my email and having to answer each query individually. 72, Doug, KI6DS

Date: Wed, 09 Sep 1998 12:16:09 -0400
From: Ed Tanton <n4xy@att.net>
To: ARDUJENSKI@aol.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19709] Re: FUSE LAMPS?
Message-ID: <3.0.5.32.19980909121609.00c9fcd0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just exactly what they sound like Alan... lamps that look like 3AG fuses. I have some I got from All Electronics, surplus a while back-although I do not remember the current rating.

///snip

>
>What are fuse lamps?
>TNX 72 ALAN KB7MBI

73

Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

INTERESTS: QRP BoatAnchors Test Equipment Photography
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

Date: Wed, 09 Sep 1998 11:43:06
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [19710] @#\$\$ Hard Drive
Message-ID: <3.0.3.16.19980909114306.22cf76fe@mailhost.ncia.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I just found out my hard drive is about to crash. Scandisk is coming up with all kinds of bad sectors each time I run it. I picked up a small, cheap, used drive to use while I decide if its worth getting a new drive or spring for a new computer. Wish me luck ! If I'm QRT for a while, you know why. Back up? What's that? Thought these things were ment to last forever, ha!

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 9 Sep 1998 12:42:07 -0400
From: "Mike Czuhajewski" <mczuhajewski@evi-inc.com>
To: "QRP forum" <qrp-l@Lehigh.EDU>
Cc: "Mike Czuhajewski" <wa8mcq@erols.com>
Subject: [19711] Baggybob e-mail address
Message-ID: <199809091648.MAA12643@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I mentioned baggybob as a source of SMD parts and offered to send his latest list to anyone who wanted it. Since he probably has a life, and I don't, I wanted to keep him from being bombarded with lots of requests. I don't get any kickbacks or anything, and he never asked me to be his PR man on qrp-l :-). I am, however, a long term customer who has spend well over a hundred dollars over 4 years at Dayton.

A couple days ago someone posted this e-mail address here-- baggybob@townsquare.net). I didn't think that looked right; I checked a 1996 list that I got from him and it used that address, but the one he sent me in Dec 1997 was from baggybob@elknet.net. I e-mailed him at both addresses; no response from the elknet.net one yet, but townsquare.net bounced immediately and the other one hasn't. The person who posted the townsquare.net address later told me he found it on a web search engine somewhere. The thing about the Internet is that you can get all sorts of information, but not always CURRENT nformation :-)

In the meantime, I also told him that many of the parts in the SMITE SMD Pixie kit which he built are of the 0805 size, 80 X 50 mils but that it gets a lot better than that--at work we've been using 0402 parts (resistors and capacitors) for some time, 40 X 20 mils, most decidedly in competition

with grains of pepper :-) Those just about REQUIRE a stereo microscope! We hired another technician/assembler recently; although I've never seen them myself, she said she worked with 0301 (!) parts at her last job. Don't even want to THINK about that :-)

73 and Queue Our Pea DE WA8MCQ wa8mcq@erols.com

Date: Wed, 9 Sep 1998 12:47:51 EDT
From: PDouglas12@aol.com
To: qrp-1@Lehigh.EDU
Subject: [19712] Zack Lau and more...
Message-ID: <e22b7089.35f6b137@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Gang,

That is just dreadful news about Zack Lau being ill; he is a fine person and mainstay in the QRP branch of our hobby. All of us wish him well, I am sure. If someone over in the Hartford/Newington area can get us some details, I know some of us would like to send Zack a note.

On an unrelated front, folks have expressed concern over the temporary absence of K5F0. I reached the somewhat more relaxed Chuck Adams K5F0 who has left SGI (and his email address there is probably now a dead letter file) He is busy putting multiple irons in the fire, and he is certainly not treading water. He advises he is walking miles/day, planning projects, and working on internet hookup. Once his hookup is complete, we will be seeing and hearing more from K5F0.

Anybody in the whole world happen to catch me on Court TV this morning? Does anybody get/watch that cable network?

72,

Preston WJ2V

Date: Wed, 09 Sep 1998 10:26:34 -0700

From: "Allan (Grant) Taylor" <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [19713] LM386 vs. LM380
Message-ID: <35F6BA4A.6466@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Recently, the LM386 was mentioned (disparagingly) with the LM380 was mentioned as being a superior audio amp chip. Not having ANY reference material, could someone who does (and hopefully some experience with both) enlighten me as to issues with upgrading to a LM380 in, say a NC40A or SST? Is the hiss going to be reduced? Any higher gain potential? How different is the pinout?

--

73 de K7GT
Allan Taylor (a.k.a. Grant) Pleasanton CA
email: k7gt@qsl.net
web page: <http://www.qsl.net/k7gt/index.html>

Date: Wed, 9 Sep 1998 12:50:02 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <k7gt@qsl.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [19714] RE: LM386 vs. LM380
Message-ID: <19980909175028506.AAA182@muenzlerk>

The LM380 has a slightly lower noise floor than the 386 and is thus better at very high gains.
Kevin

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Allan (Grant) Taylor
> Sent: Wednesday, September 09, 1998 12:27 PM
> To: Low Power Amateur Radio Discussion
> Subject: LM386 vs. LM380
>
>
> Recently, the LM386 was mentioned (disparagingly) with the LM380 was
> mentioned as being a superior audio amp chip. Not having ANY
> reference
> material, could someone who does (and hopefully some experience with
> both) enlighten me as to issues with upgrading to a LM380 in, say a
> NC40A or SST? Is the hiss going to be reduced? Any higher gain

> potential? How different is the pinout?
> --
> 73 de K7GT
> Allan Taylor (a.k.a. Grant) Pleasanton CA
> email: k7gt@qsl.net
> web page: <http://www.qsl.net/k7gt/index.html>
>

Date: Wed, 9 Sep 98 14:01:12 EDT
From: "L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529" <pilant@seesaw.ENABLE.dec.com>
To: qrp-l@Lehigh.EDU
Cc: pilant@seesaw.ENABLE.dec.com
Subject: [19715] RE: "The Art of Electronics" -- revisited
Message-ID: <9809091801.AA02343@us2rmc.zko.dec.com>

Jim, in the introduction of the book, the authors state a major goal of the book was to present practical information with a minimum of higher level math. They certainly succeeded.

The book is indeed an electronics text book, but it is one of the easier (IMHO) to use. It has lots of useful information and examples to drive home the points the authors make. The accompanying student handbook is also quite useful to have. (I picked up my copy of the student handbook about three years after I got the book.)

As an aside, there is a web page maintained by the authors providing a great deal of detail about both texts. In addition, one of the authors (Hill I believe) sometimes joins in the sci.electronics... newsgroups (I forget exactly which one at the moment).

73

- Mark N1VQW

Date: Wed, 09 Sep 1998 14:56:17 EDT
From: kc5aik@juno.com
To: qrp-l@Lehigh.EDU
Subject: [19716] New address
Message-ID: <19980909.135220.4302.1.kc5aik@juno.com>

kc5aik@alltel.net

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 9 Sep 1998 11:48:15 -0700
From: "Dasher, Mark" <DasherM@IRWIN.ARMY.MIL>
To: "'LIST - QRP'" <qrp-l@Lehigh.EDU>
Subject: [19717] Shielding a Circuit
Message-ID: <D30701F3980BD211819B00600895F2A0034B0A@IRWEXCH12>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

How does one shield a non-VFO circuit constructed on double sided PC board w/ the component side also a ground plane. A metal enclosure over the component side? Over the trace side? Any difference between a project with all components on one board or a project with several board stacked vertical (i.e. like expansion cards in a PC?)

Thanks. I have not found any references for this in my small library.

Mark - KF6LUD

Date: Wed, 9 Sep 1998 15:07:28 EDT
From: RangerSF5@aol.com
To: qrp-l@Lehigh.EDU
Subject: [19718] 386 ???????
Message-ID: <a9313196.35f6d1f0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The only info I have on hand right now is the following.
The pin out is the same for both audio chips.
The 386 does give some hiss and the MOD for that is to insert a series 15K resistor and a .0047MFD cap between pins 1 and 5 (the output)
This is the mod to get rid of the hiss and I have been told that you can drop in the 386 in place of the 380 as the pinout is the same.

The reduced gain of the 386 can be pumped up to appx 600 mw by inserting a cap between pins 1 and 8.

I do not have the cap specs so maybe someone else can tell you what it is. The 380 came in 8 and 14 pin configuration and i'm sure the voltage rating is the same. There must be someone here who has a book to the two common chips in question.

Sorry I was unable to give more input

Bob

WA2HOQ

Date: Wed, 9 Sep 1998 15:20:57 EDT
From: RangerSF5@aol.com
To: DasherM@IRWIN.ARMY.MIL, qrp-1@Lehigh.EDU
Subject: [19719] Re: Shielding a Circuit
Message-ID: <7dedc02a.35f6d519@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-09-09 15:01:57 EDT, DasherM@IRWIN.ARMY.MIL writes:

<<

How does one shield a non-VFO circuit constructed on double sided PC board w/ the component side also a ground plane. A metal enclosure over the component side? Over the trace side? Any difference between a project with all components on one board or a project with several board stacked vertical (i.e. like expansion cards in a PC?)

>>

I guess it depends on how fussy you are.

The only thing I can say is that's the way S & S Engineering built the ARK.

They installed a shield between the two boards.

It does the job and very well at that.

Not a contesting rig due to the slow tuning with the push buttons but it's got to have the best RX of any qrp rig out there.

I was always told that shielding is like grounding.

The more, the better.

No connection with S&S but I do love that ARK.

Just my 2 cents worth.

Bob

WA2HOQ

Date: Wed, 09 Sep 1998 14:22 -0600

From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "Dasher, Mark" <DasherM@IRWIN.ARMY.MIL>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19720] RE: Shielding a Circuit
Message-ID: <591DB2C1@optelinc.com>

Mark,

Like you, I've constructed PC board projects using double-sided boards, with the entire component side as a ground plane (with holes bored through and a bit of "isolation" removed from the place the component lead passes through the ground plane).

For the "shield", you can simply use more PC board material (I have some surplus stuff that's less than 1/32" thick!), or some bits of tin from say, an Altoid box (yeah.... I know, there are better uses for Altoid boxes, but that gauge of "tin" is ideal) and tack-solder it across the groundplane of your PC project. An example of this would be to isolate an input coil/transformer from another nearby coil/transformer. If there happens to be a conductor (trace) on the groundplane side of the board, or a physical wire that has to "pass" through the shield, simply put a little notch in the bottom edge of the shield (so it straddles the board trace), or if it's a physical wire, drill a hole in the shield barrier and pass the wire through it (don't forget to use some spaghetti or other insulation on the wire!) to the component on the "far" side of the shield.

Does this make sense to you? The SIZE of the shield is dependent on the size of the components you're trying to isolate.... a large-diameter coil, for example, will require a "taller" shield wall. Toroids shouldn't require shielding at all unless they are really jammed together.

VHF/UHF circuitry frequently requires isolating the input of a high-gain transistor amplifier from the output (to keep it from oscillating).

Just
cut a notch in the bottom of the shield large enough to pass over the transistor case and tack solder the shield on either side of the transistor in question....

73,

Karl K. - W8TIF
McKinney, Texas

From: Dasher, Mark
To: Low Power Amateur Radio Discussion
Subject: Shielding a Circuit
Date: Wednesday, September 09, 1998 12:48PM

How does one shield a non-VFO circuit constructed on double sided PC board w/ the component side also a ground plane. A metal enclosure over the component side? Over the trace side? Any difference between a project with all components on one board or a project with several board stacked vertical (i.e. like expansion cards in a PC?)

Thanks. I have not found any references for this in my small library.

Mark - KF6LUD

Date: Wed, 09 Sep 1998 15:23:52 -0400
From: Ed Tanton <n4xy@att.net>
To: DasherM@IRWIN.ARMY.MIL
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19721] Re: Shielding a Circuit
Message-ID: <3.0.5.32.19980909152352.00c2e730@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Unless the circuit has VERY high gain, nothing is probably necessary on the trace side. For the component side, use the idea that whatever parts can see each other can possibly interact. You can get sheet brass or copper from hobby stores that is just thick enough to use, yet can be cut with average shears. Put the vertical "walls" of your shield around the circuit to be shielded, soldering the brass to the circuitboard as necessary, and at the corner (use one long length, and bend it around components/etc. as necessary; then cap it with a top that overlaps everywhere. There is no need to solder all the edges of the top-just several places for continuity and to hold it down.

The biggest difference between a one-board project and a multi-board project lies in the connections between the boards, and the difficulty of repairing a part in the middle of one of the inner layer boards. (Of course, only those components on those boards will ever fail.) You can shield between boards by using a sandwich of insulation and metal.

Take a look at the small "SURFBOARDS" offered by Mouser and Digikey. They make excellent daughter boards, and you can even get them with pre-mounted pins that will plug into an IC socket/strip.

Also, The Electronic Goldmine is a great source of surplus-priced PC board material, including some single and double-sided stuff so thin you can bend

Hi Gang,

I'll be traveling to the UK later this month. I'll be arriving at Gatwick on 9/26 in the morning. Looks as if I'll be staying near Gatwick Airport on Saturday then at Brockenhurst thru 10/5. I leave from Gatwick on the 6th.

Checked out the reciprocal, and looks like not enough time to pull it off...

If there are any list members near Gatwick airport, Fawley, or Brockenhurst, let me know... Maybe we can arrange an eyeball QSO (if the work schedule is not too tight)

CUL

Niel

At 04:36 PM 9/1/98 +0100, you wrote:

>Niel,

> a reciprocal license is fairly easy to get - see

><http://users.lanminds.com/~anb/ham/ukrecip.html> - actually you

>can go one better = if you have US general and above you can

>apply for a FULL UK class A call. I know this because some of my

>colleagues have got their UK calls this way - it is possible to take

>the US exams in the UK. US General is easier than the UK exam

>(one paper only) and the US CW test much easier also the UK

>exams are expensive (20 pounds for the CW test and probably at

>least 40 pounds for the written test (33 and 66 bucks in real

>money!). So I know some folk who have used this route to get a US

>license and then use their US General to get a UK full license. The

>RA would help.

>

>Bad news is UK license cost 15 pounds (24-25 dollars) per year!!

>and you're probably too late for this trip. Of course as a visiting

>amateur you are entitled to use any UK amateurs equipment 'under

>supervision' - but that means you have to use the UK amateurs

>call. Still if you want to try a trans-atlantic sked then that's a good

>way to go.

>

>If you're going to cross the pond regularly then a UK license is

>worth getting sorted. If you need a UK postal address for it I'd be

>happy to accomodate - a good friend of mine in Cleveland is the

>postal address for my US license - KB8YKJ. And no I didn't go the

>above route - I got the UK license and then was living in Cleveland

>for a short while so got Tech+ their and graduated to Extra in the

>UK (despite the fact my CW is probably nearer 10wpm!)

>

>There are plenty of hams in the area who would be happy to let you

>use their shack so if you don't sort the license out you shouldn't

>have too much of a problem getting on the air. If you do get a

>license then a 2m HT is worth bringing.

>

>Brian. G0UKB

>Brian Jones

>Technical Planner

>Java Technology Centre

>IBM Hursley

>

Date: Wed, 9 Sep 1998 14:45:35 -0500

From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: <eakwikjr@hti.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [19724] RE: Would you get a new call?

Message-ID: <19980909194540543.AAA258@muenzlerk>

It all depends on how old my call is. I didn't change WB5RUE because real W calls haven't been issued since 1978 or so.

Now if you can get a really good one with your initials or something like that it would be nice.

Kevin, WB5RUE

wb5rue@stic.net <http://www.qsl.net/wb5rue>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Edward A Kwik jr

> Sent: Wednesday, September 09, 1998 2:26 PM

> To: Low Power Amateur Radio Discussion

> Subject: Would you get a new call?

>

>

> A close friend of mine is going for his Extra test on Saturday. If it

> were you would you go for a new call or keep your old one?

>

> Ed Kwik KC8JIE qrp-1 #1444

>

>

Date: Wed, 9 Sep 1998 12:34:11 -0700
From: "Dasher, Mark" <DasherM@IRWIN.ARMY.MIL>
To: "'eakwikjr@hti.com'" <eakwikjr@hti.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [19725] RE: Would you get a new call?
Message-ID: <D30701F3980BD211819B00600895F2A0034B0D@IRWEXCH12>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I just faced that question. Got my extra last Saturday. The deciding factor for me was my current call. Too many dots in LUD. Many times running QRP, I have had to repeat my call several times. Often got RUD, RVD, LAD, ect back. So, I will try my luck.

Hope this helps.

Mark - KF6LUD

-----Original Message-----
From: Edward A Kwik jr [mailto:eakwikjr@hti.com]
Sent: Wednesday, September 09, 1998 12:26 PM
To: Low Power Amateur Radio Discussion
Subject: Would you get a new call?

A close friend of mine is going for his Extra test on Saturday. If it were you would you go for a new call or keep your old one?

Ed Kwik KC8JIE qrp-1 #1444

Date: Wed, 9 Sep 1998 12:55:35 -0700
From: "KE6VHM Frank" <ke6vhm@earthlink.net>
To: <eakwikjr@hti.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19726] Re: Would you get a new call?
Message-ID: <01cf01bddc2b\$d076e840\$03000004@ke6vhm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Haven't changed yet and don't think I will for the Extra ether.
I have heard all the reasons to change but feel attached to my first.
\$0.02 de Frank 72

If it were you would you go for a new call or keep your old one?

>

>Ed Kwik KC8JIE qrp-1 #1444

>

>

Date: Wed, 9 Sep 1998 16:00:10 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Cc: gqrp <gqrp-1@blacksheep.org>
Subject: [19727] Wheee! back again!
Message-ID: <199809091600_MC2-58EA-221A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi gang,

Just back, read ten days worth of e-mail, things getting back to normal. =
If
I "owe" you a reply, will deal with it next two or three days.

Spent ten days as Communications Manager for the UK's biggest trailer
(towed) caravan rally, over 3,700 units, tents, trailer caravans,
motorhomes descended upon us at Edinburgh for "hamfest" type wing-ding, b=
ut
all to do with caravanning, camping and RV'ing.

Bagpipers, kilts, haggis and heather were orders of the day for the
duration of the meet, and yours truly compere at all of the arena events.=

Also had sixty hand held commercial radios out on a single antenna
temporary repeater system, co-linked to the local emergency services
system, and control manned to pretty professional standards by hams from
within the 15,000 club members on site.

I'm pleased!

(You can tell, can't you?)

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Alternate e-mail address: <melgm6jag@aol.com>

Authorised at 11kv, 33kv, and up to 275kv

Check out < <http://users.aol.com/euramcom/welcome.html> >
for details of euro-american components equivalents!

Area Chairman, British Caravanner's Club
Web Pages <<http://users.aol.com/bccscot/page1.html>>

Date: Tue, 08 Sep 1998 18:08:08 +0200
From: "Rafael Garcia (EA4RJ)" <rgarcia@idr.upm.es>
To: qrp-L@Lehigh.EDU
Subject: [19728] Re: 15 meters QRP EXCELLENT
Message-ID: <35F55668.A49180FB@idr.upm.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Prof. Arnaldo Coro Antich wrote:

> Solar flux above 150 did the job.. worked many stations on
> 15 meters while running QRO (HORROR . should not mention
> this here !!! at 50 watts 10 dB above QRP...
> But this was testing an amplifier and supply... then went
> down to 5 watts ... and worked several europeans starting
> at around 21 UTC...

Yes. One of those EU stations was me!

I called you several times at 1 watt with no results. I heard you working an SV1 station when I decided to put more power on the air... upto 5 watts. This time, with the help of the propagation, you could hear me.

Your signals at 50 watts were quite nice, 589, 599 sometimes. When you dropped to 5 watts, the bad noise at my location (electric noise), I almost couldn't hear you. The noise is constant at S5; well, you mean..

The rig was a Kenwood TS-50 and a Butternut HF6V-X antenna (excellent

results. Worked VK8 at 1 watt last weekend, his 589, mine 529, on 15m).

All the best,

--

Rafael Garcia,
Lab Aerodinamica, ETSIA
Univ. Politecnica de Madrid

Date: Wed, 9 Sep 1998 13:15:01 -0700
From: Andreas Junge <andreas@atltech.com>
To: qrp-l@Lehigh.EDU
Subject: [19729] FS: built NC 40a with KC1 and KC1 Front Panel
Message-ID: <01BDDBF3.DAB8EC50.andreas@atltech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I am posting this for an OM that is not on this list.

\$170 for built NorCal 40a with KC1, KC1 Front Panel and Whiterook key (did I spell this right ?) - abt 3 months old.

If you are interested please contact Dave Rice, W6NUC at:

davidkrice@EMAIL.MSN.COM

73/72,

Andreas, AD6FQ

Andreas Junge
Atlantis Technologies
3600 West Bayshore Rd. #102
Palo Alto, CA 94303
Phone (650) 857 1895

I drive way too fast to worry about cholesterol

Date: Wed, 9 Sep 1998 16:17:45 -0400
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: QRP Email List <qrp-l@Lehigh.EDU>
Subject: [19730] Re: Zack, WV1T
Message-ID: <E12EC3E9FA06D211817D00805FC743CC08A2B9@MAIL_SERV>
MIME-Version: 1.0
Content-Type: text/plain

I figured Ed would post about Zack, but he's probably been too busy.
So, here's a few excerpts from an email he sent to ARRL HQ folk this morning:

"I went to see Zack yesterday evening. He is making progress toward his recovery. Although he is still having some difficulty speaking and has some coordination problems on his right side, each day has seen him better than the day before. His spirits are holding up reasonably well, too. They are continuing to treat him at Hartford Hospital.

Although it is still too early for any prognosis, these are all very good signs. He does not yet know when he will be sent home or when he can return to work.

...

Thanks to all who have wished Zack well. I know that the support of his colleagues and friends on staff have meant a lot to him, and to his friends here in the Lab. We sure miss him and will continue to pray for his recovery.

--Ed Hare"

72, Michael

Date: Wed, 9 Sep 1998 11:28:18 -0800
From: "Larsen, Jim" <JLarsen@alascom.att.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [19731] Elmer 101: SW40+ comments de AL7FS
Message-ID: <291F3DB584F5D1119BAF006008CE719E0D514D@AlascomExc1.alascom.att.com>

MIME-Version: 1.0
Content-Type: text/plain

Hello to all my fellow students,

I guess I am not so bad after all at building kits. I fell way behind the class due to hospital things and lots of guests up here in Alaska this year. Recently, I came clear enough to get started. I actually read the material, highlighted and marked up multiple copies of the schematic, tested as I went and had fun.

I am happy to report the rig works. I am getting 1.6 watts output (WM-2 reading) and the receiver seems to hear just fine. The only glitch is the previously reports inability to peak T1 before running out of turning ability. It feels "almost" peaked. There was a fix posted so now I just need to search my archives and find it.

I did find it weird that the volume and the tuning were both backwards when following the chassis kit instructions. Seems I recall that issue being mentioned also and I just need to reverse two wires each on the pots. Mine tunes from 7.009 to 7.044. The 800 Hz peak response on receive does seem a bit high for me but I can learn to get used to it. I guess there are a few of us who like a lower tone. I know my preference was developed when I was active on 2 meter EME. It just seemed to work better for me.

I will be taking the SW40+ with me to Atlanta on Sunday. Maybe I can get my Rainbow tuner down before then.

Thank you, everyone...Mike1, Dave, Mike2, Glen, Chuck, Gary and lots of others who posted and made comments as they went along. I went back to the Web sites over and over again. Internet has really changed ham radio for the better in at least this case and for QRP community and family for another.

73, Jim, AL7FS
Anchorage, Alaska

Date: Wed, 9 Sep 1998 17:09:07 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [19732] RE: Would you get a new call?
Message-ID: <001101bddc36\$14f22480\$c3a2e2d0@titan>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> The deciding factor ... Too many dots...

My old call was KA4BNL ... I had that for many years, but it got really old when I began to do contests. When I upgraded to general, the 1x3 sounded really good to me. I like the swing of N4LGH much better than my old call, but when on SSB or at club meetings, etc, the prestige of the older call would be nice.

Hey, I'm 22 months from QCWA!!!!
Tracy N4LGH
QRP-L #1453

Date: Wed, 09 Sep 1998 16:17:17
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [19733] test
Message-ID: <3.0.3.16.19980909161717.26d72b7e@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Okay, think I got everything on the new drive. Whew, wasted the whole day, but its better than losing all my stuff.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 09 Sep 1998 17:28:51 -0400
From: olyellr@iglou.com
To: eakwikjr@hti.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [19734] Re: Would you get a new call?
Message-ID: <3.0.5.32.19980909172851.007ac680@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:25 PM 9/9/98 -0400, Edward A Kwik jr wrote:

>A close friend of mine is going for his Extra test on Saturday. If it
>were you would you go for a new call or keep your old one?
>
>Ed Kwik KC8JIE qrp-1 #1444
>

If you change your call and regret it later, you have first dibs on your old call for two years and can get it back during that time via a vanity call. After that it's up for grabs.

I just got my Extra too, about a week ago and I faced the same situation because I liked my Adv call. But I am proud to have reached Extra and wanted the call to go with it. A little long on CW, but with a nice rythmn that kinda makes up for it.

It's a personal thing....you have to decide for yourself. But again, you have two years to change your mind. And pay the vanity fee of course, which I think is dropping to \$13.00 sometime this month.

73, Mike L.

.....
de AF4LQ
FISTS #4139
99% CW OP...for the pure JOY of it.
<http://members.iglou.com/olyellr/>
.....

Date: Wed, 9 Sep 1998 15:31:42 -0600
From: "Jerry McCollom" <jmc@cnd.hp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [19735] FS: Yaesu FT757GX, 6.5GB Western Digital Hard Disk
Message-ID: <000c01bddc39\$3da1c360\$38620f0f@fcjmcp.fc.hp.com>
Mime-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Still trying to clear out unused equipment to make room for QRP kits.

Still FS: Yaesu FT-757 GX

My FT-757GX is still available. I've lowered the price to \$400 + shipping.
Check out pictures and details at

<http://www.frii.com/~mccollom/757gx>

Also, I'm selling my old hard disk (well, not that old actually -- it's < a year old) after my latest upgrade. This is the 6.4GB Caviar (WD Caviar AC36400). Check out full specs at:

<http://www.wdc.com/products/drives/drive-specs/AC36400.html>

I'll include the contents of the retail kit that came with my new drive -- this is the WD disk manager software and drive rails. I'm asking \$150 shipped/obo.

73,

Jerry McCollom
WOMC

Date: Wed, 09 Sep 1998 16:40 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "Edward A Kwik jr" <eakwikjr@hti.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [19736] RE: Would you get a new call?
Message-ID: <4EDD0D83@optelinc.com>

Depends on what his "old" call is! Does it lend itself to c.w.? If so, I'd keep it.... otherwise, he could try for a "vanity callsign" with his upgrade.

Wish him good luck on his Extra exam for me!

Karl K. - W8TIF
McKinney, TX

From: Edward A Kwik jr
To: Low Power Amateur Radio Discussion
Subject: Would you get a new call?
Date: Wednesday, September 09, 1998 1:25PM

A close friend of mine is going for his Extra test on Saturday. If it were you would you go for a new call or keep your old one?

Ed Kwik KC8JIE qrp-1 #1444

Date: Wed, 9 Sep 1998 18:01:00 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [19737] RE: Shielding a Circuit
Message-ID: <001201bddc3d\$5471c5a0\$c3a2e2d0@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> ...Any difference between a project will
> all components on one board or a project with several board
> stacked vertical
> (i.e. like expansion cards in a PC?)

I happen to be exploring this method for the construction of my PC-Radio.
(Now called HCR, Homebrew Computer Radio ...) I have documented a bit on the
process, and will be adding a great deal more shortly to my site.

I'm going to be jamming all sorts of circuits vertically in a copper box,
each with copper boards in between. I'm betting the copper groundplanes
themselves provide adequate shielding.

I got a quick-cam, so I'm going nuts. There are some pictures up at
<http://www.bytemark.com/projects/pcradiotop.html>

Dead bug is lotsa fun, and easy to shield!!
Tracy

Date: Wed, 09 Sep 1998 15:08:01 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [19738] Any QRPers/meetings in the Toronto area?
Message-ID: <35F6FC41.DA7E8056@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For our good friends north of the border:

Are there any QRP happenings in the Toronto area during the period of October 24-30th? I will be there for a conference during that period and would enjoy meeting anyone from the area.

How about ham/electronics stores?

TIA es 72 de Jim - AD6CW

Date: Wed, 09 Sep 1998 22:22:36 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [19739] Build the EMI Sniffer Probe! And More!
Message-ID: <35F6FFAC.6D4B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue, the recycle box at work had a couple of years' worth of Design New and EDN Magazines today.

Found quite a few keepers!

- 1) June 4th, 1998 EDN Magazine
 - * Sniffer Probe Locates Sources Of EMI (Complete Plans!)
- 2) Aug. 18, 1997 Electronic Design
 - * Full-Wave Signal Rectifier uses Just One Transistor (p. 120)
Neat! Saturated 2n3904 produces full wave rectified RF.
Inexpensive and easy AGC or signal presence indicator..
- 3) March 27, 1997 EDN Magazine (p. 81)
 - * Drive High-voltage varactor diodes from just 5 V
Using a 2N2222A/ 1N5148 Varactor and feeding the varactor with a 0-20 Volt DC voltage from two PHotovoltaic-isolator IC's (PVI1010) in series. Input 5 volts from pot produces RF VFO output of 20 to 32 MHz!

OK. Back to my Tunnel of Darkness and Y2K issues!

-Ed (Now with a complete set of Greenley Punches!) Tks John!

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Wed, 9 Sep 1998 18:09:25 -0400
From: w4bws@juno.com (Donald E Sanders)
To: ARDUJENSKI@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [19740] Re: FUSE LAMPS?
Message-ID: <19980909.182232.4046.3.w4bws@juno.com>

Not sure what they mean by "fuse lamps" but back in the 50's we used a half wave of 300 ohm line, split in center of one side with #47 lamps from the 300 ohm wire to the bottom of each lamp and the metal bases soldered together. This was taped to the 300 ohm feed line and showed forward power on one lamp (for navy types this is "Tune for max smoke"), and reflected voltage and current, aka power on the other lamp.

Cheap and effective.

Donald Sanders W4BWS

W4BWS@juno.com

My favorite QRP rig glows in the dark

On Wed, 9 Sep 1998 11:59:20 EDT ARDUJENSKI@aol.com writes:

>In the book PRACTICAL WIRE ANTENNAS on pg 84 there is a circuit for a
>simple SWR indicator using two 60mA *fuse lamps* and a short piece of
300 ohm
>tv line. The way it works is the lamp closest to the xmtr should glow
>normal brilliance and the one further away should be dim or not lit at a
SWR
>of less than 2 to 1.
>
>What are fuse lamps?
>TNX 72 ALAN KB7MBI
>
>

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 9 Sep 1998 18:33:07 -0400
From: w4bws@juno.com (Donald E Sanders)
To: eakwikjr@hti.com
Cc: qrp-1@Lehigh.EDU
Subject: [19741] Re: Would you get a new call?
Message-ID: <19980909.183312.4046.5.w4bws@juno.com>

Depends on how long and the emotional attachment you have for your call and how crappy you consider it to be. As for me, I'll keep mine so my enemys will not be too confused. BTW I like the phonetics: Beer, Wine and Scotch
Donald Sanders W4BWS
W4BWS@juno.com
My favorite QRP rig glows in the dark

On Wed, 09 Sep 1998 15:25:49 -0400 "Edward A Kwik jr" <eakwikjr@hti.com> writes:

>A close friend of mine is going for his Extra test on Saturday. If it
>were you would you go for a new call or keep your old one?
>
>Ed Kwik KC8JIE qrp-1 #1444
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 9 Sep 1998 15:36:02 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: RangerSF5@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [19742] LM386 vs LM380
Message-ID: <19980909.153603.9718.0.gsurrency@juno.com>

On Wed, 9 Sep 1998 15:07:28 EDT RangerSF5@aol.com writes:

>The pin out is the same for both audio chips.

Negative. The pin out for the LM386 and the 8 pin version of the LM380 is *not* the same:

LM386		LM380-8	
pin		pin	
1	gain	1	nc
2	- input	2	+ input
3	+ input	3	- input
4	gnd	4	gnd
5	Vout	5	gnd
6	Vs	6	Vout

7 bypass 7 Vs
8 gain 8 bypass

Source: National Semi data sheets

Go to their web site and download the pdf files on these devices for more info.

72,

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 9 Sep 1998 18:44:10 -0400
From: E.Jessen@orion-consulting.com
To: qrp-1@Lehigh.EDU
Subject: [19743] RE: Would you get a new call?
Message-ID: <0108CBA8F84AD011A5760800093961DD1D45A3@www.orion-consulting.com>
MIME-Version: 1.0
Content-Type: text/plain

First licensed as a novice in 1978 (KA8AKY). No one could come up with any cute phonetics for it, and it did not work well on phone when I upgraded to Tech 3 months later. So when I passed my General in 1979 I got my current call (N8AUC). Liked the 1x3 format for CW work, so I kept it when I upgraded to advanced, three months later. 15 years later I passed my extra (kids and stuff CAN interfere with Ham Radio). I asked about a dozen people if they thought I should change my call. 11 said no, my wife said yes. So I did not change my call :). Besides I don't like the AA8 call signs they were giving for extras then.

Bottom line: its a matter of personal preference. Too many people know me by N8AUC, so there was another reason NOT to change it when I upgraded.

I'll probably keep my call sign until I die, or they ban Ham radio, which ever comes first.

73 de N8AUC

Eric

End of QRP-L Digest 1209
